

Converting Colors

XYZ(45.6887, 45.1193, 53.7875)

Have a look what the booklet for
XYZ(45.6887, 45.1193, 53.7875)
contains.

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Color

**XYZ(45.8929, 45.3672,
53.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAFBC
RGB	191, 175, 188
RGB Percent	75%, 69%, 74%
CMY	0.2510, 0.3137, 0.2627
CMYK	0.00, 0.08, 0.02, 0.25
HSL	311°, 11%, 72%
HSV	311°, 8%, 75%
XYZ	45.8929, 45.3672, 53.9149
YIQ	181.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

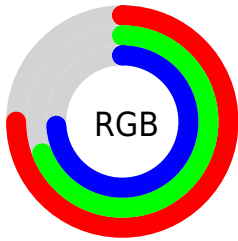
Format	Color
RYB	191, 175, 188
Decimal	12562364
CIELab	73.13, 8.06, -4.55
CIELCh	73, 9.259, 330.573
Yxy	45.3672, 0.3161, 0.3125
Android (android.graphics.Color)	4290752444 (0xFFBFAFBC)
YUV	181.2660, 3.3199, 8.5367
Hunter-Lab	67.3552, 3.7506, -0.3105

Details

The XYZ color **45.8929, 45.3672, 53.9149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3476, 49.5910, 49.3565**, and the grayscale version is **44.0466, 46.3404, 50.4647**.

A 20% lighter version of the original color is **83.2628, 83.4576, 97.3085**, and **21.9374, 21.3185, 25.8803** is the 20% darker color. If you saturate the color by 10%, you get **42.0543, 38.2997, 50.7544**, and if you desaturate by 10%, it is **50.2695, 53.4940, 57.3031**.

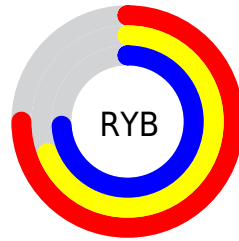
Distribution



Red (75%)

Green (69%)

Blue (74%)



Red (75%)

Yellow (69%)

Blue (74%)

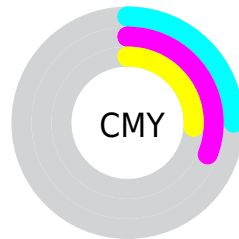


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8929, 45.3672, 53.9149 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 45.8929, 45.3672, 53.9149 by changing the saturation by 10% instead.

■ 45.8929, 45.3672,
53.9149

■ 45.8929, 45.3672,
53.9149

361.1011,
368.2587, 418.9509

■ 32.3656, 31.7468,
38.1409

■ 83.2875, 83.2712,
97.4044

■ 21.7978, 21.1681,
25.7894

107.8856,
108.3235, 125.9570

■ 13.8242, 13.2470,
16.4418

136.9045,
137.9552, 159.6063

■ 8.0794, 7.5988,
9.6796

170.7098,
172.5507, 198.7707

■ 4.1980, 3.8393,
5.0842

209.6668,
212.4944, 243.8688

■ 1.8147, 1.5841,
2.2372

254.1407,

■ 0.5265, 0.3468,

258.1707, 295.3192

0.6957

304.4970,
309.9640, 353.5404

■ 0.0000, 0.0000,
0.0000

■ 45.8929, 45.3672,
53.9149

■ 45.8929, 45.3672,
53.9149

■ 42.0543, 38.2997,
50.7544

■ 50.2695, 53.4940,
57.3031

■ 38.7278, 32.2418,
47.8109

■ 55.2009, 62.7157,
60.9234

■ 35.8911, 27.1484,
45.0774

■ 60.7080, 73.0733,
64.7835

■ 33.5188, 22.9687,
42.5449

■ 66.8095, 84.6041,
68.8900

■ 31.5830, 19.6473,
40.2038

■ 68.3757, 87.0483,
71.5334

■ 30.0531, 17.1227,
38.0436

■ 68.8157, 87.2243,
73.8502

■ 28.8941, 15.3253,
36.0522

■ 69.2656, 87.4043,
76.2197

■ 28.0651, 14.1734,
34.2157

■ 69.7256, 87.5883,
78.6420

■ 27.5007, 13.5362,
32.5118

■ 70.1958, 87.7764,
81.1176

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.7254, 45.3672, 57.4900



45.8929, 45.3672, 53.9149



46.3133, 45.3672, 49.3079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.8929, 45.3672, 53.9149



43.0890, 45.3672, 40.9963



40.4913, 45.3672, 54.0791

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.8929, 45.3672, 53.9149



44.3476, 49.5910, 49.3565

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.0773, 45.3672, 49.4866



45.8929, 45.3672, 53.9149



41.5538, 45.3672, 42.1019

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.8929, 45.3672, 53.9149



44.6700, 45.3672, 42.0216



40.4614, 45.3672, 45.1391



41.6066, 45.3672, 57.5889

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.8929, 45.3672, 53.9149



46.1052, 45.3672, 46.3256



40.4614, 45.3672, 45.1391



40.2668, 45.3672, 52.6016

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.8942, 45.3692, 53.9159



86.2488, 88.7678, 99.7435



43.0807, 43.8810, 55.4900



18.7997, 19.2332, 21.7945



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.8942, 45.3692, 53.9159



80.9004, 78.8614, 95.5237



45.0624, 45.0364, 49.5354



9.8511, 9.6648, 11.6051



18.0464, 8.8497, 21.3355



0.7271, 0.3547, 0.9420

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.8942, 45.3692, 53.9159



80.9004, 78.8614, 95.5237



45.1673, 49.9189, 53.6731



9.8511, 9.6648, 11.6051



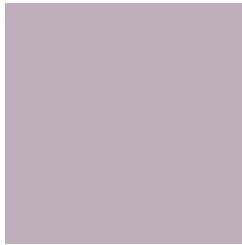
18.0464, 8.8497, 21.3355



0.7271, 0.3547, 0.9420

Previews

White Background



This preview shows how the XYZ color 45.8929, 45.3672, 53.9149 looks on a white background.

Color Contrast Check

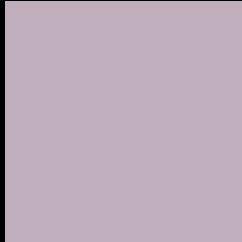
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.8929, 45.3672, 53.9149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

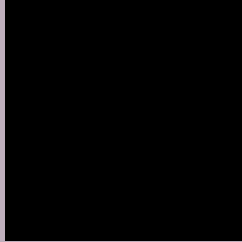
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8929, 45.3672, 53.9149

Background



This preview shows how black text looks on a background with the XYZ color 45.8929, 45.3672, 53.9149.



This preview shows how white text looks on a background with the XYZ color 45.8929, 45.3672,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.8929, 45.3672, 53.9149

Protanopia

44.2368, 45.6612, 55.1972

Deuteranopia

46.2055, 45.2404, 53.8739



Tritanopia

46.0011, 45.4104, 54.4847

Trichromacy



Original Color

45.8929, 45.3672, 53.9149

Protanomaly

44.8729, 45.7053, 54.6011

Deuteranomaly

45.9514, 45.1094, 53.8620

Tritanomaly

46.0011, 45.4104, 54.4847

Monochromacy



Original Color

45.8929, 45.3672, 53.9149

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7794, 46.0152, 51.8691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8929, 45.3672, 53.9149 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 188)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.8929, 45.3672, 53.9149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

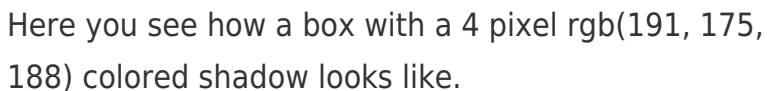
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 175, 188) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 175, 188) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(191, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 175, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 175, 188); box-shadow:4px 4px 4px 4px rgb(191, 175, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8929, 45.3672, 53.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 188) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
175, 188) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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